



United States  
Department of  
Agriculture



National  
Agricultural  
Statistics  
Service

In cooperation with

Mississippi Department of  
Agriculture and Commerce

# Weekly Weather Crop Report

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Week ending August 12, 2007

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According to the National Agricultural Statistics Service in Mississippi, there were 6.8 days suitable for fieldwork for the **week ending Sunday, August 12, 2007**. Above average temperatures reaching triple digits prevailed this week, causing not only miserable fieldwork conditions, but stress to crops as well. In some areas, cotton is starting to show signs of drought stress and soybeans are shedding leaves due to the high temperatures. Many growers have reinitiated irrigation for remaining row crops. In contrast, the warm, dry weather has given hay producers the perfect opportunity to harvest their hay with excellent curing conditions. Soil moisture was rated 25 percent very short, 54 percent short and 21 percent adequate.

Crop progress for week ending 08/12/07

Crop	This week	Last week	Last year	5-year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn, dough	100	100	100	99
Corn, dent	99	95	97	91
Corn, mature	67	51	80	56
Corn, harvested	11	2	17	9
Corn Silage, harvested	93	80	93	85
Cotton, setting bolls	99	96	99	98
Cotton, open bolls	5	1	20	9
Hay-Warm Season, harvested	68	58	76	77
Peanuts, pegging	98	97	100	--
Rice, headed	98	91	92	93
Rice, mature	20	4	12	11
Sorghum, coloring	85	59	98	90
Sorghum, mature	40	8	81	48
Sorghum, harvested	7	--	45	11
Soybeans, blooming	100	100	100	100
Soybeans, setting pods	97	95	99	96
Soybeans, turning color	34	18	67	42
Soybeans, dropping leaves	19	5	44	24
Soybeans, harvested	2	--	23	7
Watermelons, harvested	100	98	99	99

Crop condition for week ending 08/12/07

Item	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	9	12	30	37	12
Cotton	2	5	22	55	16
Hay	0	10	36	36	18
Livestock	3	13	31	45	8
Pasture	5	13	39	25	18
Peanuts	0	0	41	57	2
Rice	0	0	11	64	25
Sorghum	0	5	12	73	10
Soybeans	1	6	22	53	18
Sweet Potatoes	0	0	21	59	20

## Comments

“Corn is mature and growers are waiting for the grain to dry to a harvestable moisture content. Soybeans are shedding flowers due to the high temperatures. Cotton fruit retention remains high. Rainfall is needed in both cotton and soybeans.”

— Jay Phelps, Pontotoc

“Early indications from dry land corn yields are better than expected.”

— Robert Martin, Sharkey

“Hay that was produced by July rains was harvested through the week and weekend. Hay curing conditions were excellent, with no worries of rain spoilage. We are badly in need of rain. Temperatures in the triple digits prevailed all week. Corn should be ready to combine in about 2 weeks in our area. Beans and cotton really need a rain, but there are no prospects in the 7-day forecast for now.”

— Ed Williams, Oktibbeha

“Many producers are on their second and third hay cuttings and peanuts should be ready by the end of the month. It is still very dry although July rains have provided some relief.”

— Amanda Walker, Lawrence

“Weather conditions have been very hot and very dry, and have allowed for hay harvest to be in full swing. More hay will be harvested in 2007 than 2006. Cattle and other livestock animals are being affected by the extreme heat.”

— Allen McReynolds, Wayne

“The hot, dry weather has growers watering soybeans, cotton, and grain sorghum. Corn harvest has started and yield reports have been very good.”

— Don Respass, Coahoma

“What a difference 17 days and 100 degree temperatures make. Producers have been watering cotton and beans this week. Most milo, corn and early Group III and IV soybeans are mature.”

— Mack Young, Quitman

“High temperatures are making it hard for the plants to retain fruit. Cooler temperatures and more rain would be more than welcome to all producers. It doesn't take long for hay to cure with these temperatures though.”

— Jimbo Burkhalter, Tallahatchie

“It's hot and dry. Some soybeans are shedding leaves, corn is drying rapidly and cotton is in need of moisture. Pastures and hay fields are not growing back.”

— Melvin Oatis, Benton

“It has been three weeks since our last rain. Cotton is really starting to show drought stress – bloom is at the top on the dry land fields. Early corn is mature and the replant corn is within a few days of black layer. A few scattered fall armyworms are showing up in cotton.”

— Stephen R. Winters, Grenada

“Dry, hot weather is making outside work miserable. Early yields for irrigated corn are excellent. Irrigation activities continue on cotton and later maturing soybeans.”

— Jerry Singleton, Leflore

“Corn, soybean and grain sorghum harvest has begun and yields are said to be good to excellent. Cotton and Group V soybeans are still being watered. Insects are building in all crops that are not mature.”

— Tommy Baird, Sunflower

“Drought conditions are again the dominant situation throughout my area, with only a few localities receiving showers during the past 3 weeks. Late maturing soybeans and cotton delayed by fruit loss will be damaged unless rain arrives this next week. Corn is mostly mature, and some producers are beginning to harvest.”

— Ernest Flint, Attala

“Dry conditions have been beneficial to producers who are in the process of cutting hay. Drier conditions are a plus for cotton producers too.”

— Florieda K. Mason, Perry

(Additional comments appear at: <http://www.nass.usda.gov/ms/cwyears.htm>)

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U.S. Department of Agriculture  
National Agricultural  
Statistics Service - Mississippi FO  
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Mississippi Weather Summary for Week Ending 08/12/07													
Division/Station	Air Temperature					Precipitation				4 Inch Soil Temperature			Avg Plan Evap
	Max	Min	Avg	Norm	DFN	One Week	DFN	Rain Days	Four Weeks	Max	Min	Avg	
<b>Upper Delta</b>													
Cleveland	101	74	87	82	5	0.00	-0.32	0	0.07				
Lambert	104	68	87			0.00	-0.66	0	1.40				
Tunica	101	74	87	81	6	0.00	-0.56	0	0.00				
Extreme/Average	104	68	87	81	6	0.00	-0.51	0	0.49				
<b>North-Central</b>													
Calhoun City	101	69	84	80	4	0.00	-0.72	0	3.00				
Hickory Flat	99	70	84	79	5	0.00	-0.83	0	0.00				
Independence	102	67	85	80	5	0.00	-0.68	0	0.03				
Oxford	101	68	85	80	5	0.00	-0.77	0	3.37				
Extreme/Average	102	67	85	80	5	0.00	-0.75	0	1.60				
<b>Northeast</b>													
Booneville	102	71	86	79	7	0.00	-0.77	0	0.08				
Iuka	102	63	84	77	7	0.00	-0.87	0	0.32				
Ripley	103	68	86	79	7	0.00	-0.67	0	0.13				
Tupelo	104	73	87			0.00		0	1.88				
Verona	104	71	86	81	5	0.00	-0.82	0	4.10				
Extreme/Average	104	63	86	79	7	0.00	-0.78	0	1.30				
<b>Lower Delta</b>													
Moorhead	101	74	86	82	4	0.00	-0.59	0	0.80				
Rolling Fork	103	73	87	82	5	0.00	-0.63	0	3.63				
Stoneville	98	74	87	82	5	0.00	-0.44	0	0.51				
Yazoo City	101	70	85	82	3	0.00	-0.81	0	2.37				
Extreme/Average	103	70	86	82	4	0.00	-0.61	0	1.83				
<b>Central</b>													
Canton	100	68	84	82	2	0.00	-0.71	0	2.27				
Carthage	102	69	85	81	4	0.00	-0.85	0	0.00				
Eupora	101	67	83	80	3	0.00	-0.66	0	1.93				
Lexington	101	68	84	80	4	0.00	-0.68	0	0.71				
Extreme/Average	101	67	84	81	3	0.00	-0.73	0	1.23				
<b>East-Central</b>													
Aberdeen	103		83	80	3	0.00	-0.63	0	0.56				
State University	103	71	87	81	6	0.00	-0.77	0	1.90				
Extreme/Average	103	71	85	81	4	0.00	-0.70	0	1.23				
<b>Southwest</b>													
Crystal Springs	101	73	86	82	4	0.00	-0.77	0	2.99				
Natchez	100	70	84	82	2	0.00	-0.84	0	1.12				
Vicksburg	100	70	85			0.00		0	2.08				
Extreme/Average	101	70	85	82	3	0.00	-0.81	0	2.06				
<b>South-Central</b>													
Collins	101	72	86	81	5	0.10	-0.82	1	1.80				
Columbia	101	73	86	82	4	0.36	-0.70	1	1.88				
Tylertown	98	76	87	81	6	0.02	-1.11	1	1.31				
Extreme/Average	101	72	86	81	5	0.16	-0.88	1	1.66				
<b>Southeast</b>													
Hattiesburg	97	77	88	82	6	0.00	-1.13	0	3.56				
Laurel	100	75	87	81	6	0.03	-0.92	1	1.73				
Newton	99	65	82	80	2	0.00	-0.89	0	1.49				
Extreme/Average	99	65	86	81	5	0.01	-0.98	0	2.26				
<b>Coastal</b>													
Gulfport	97	73	86	83	3	1.67	0.39	2	3.96				
Pascagoula 3 NE	96	77	87	81	6	0.50	-0.95	2	0.61				
Extreme/Average	97	73	86	82	4	1.09	-0.28	2	2.15				
<b>State</b>	104	63	86	81	5	0.13	-0.65	0	1.58				

DFN = Departure from Normal.